



PTO/SB/17 (12-98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTC/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 110.00

Complete if Known

Application Number	09/152,593
Filing Date	September 14, 1998
First Named Inventor	HIROSHI HASEGAWA, ETAL
Examiner Name	CHRISTINE SKANE
Group / Art Unit	1751
Attorney Docket No.	BA-22624

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																	
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number _____ Deposit Account Name _____ <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.15 and 1.17		3. ADDITIONAL FEES																																																																																																																																																																	
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<table><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>118</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,380</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>280</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>128</td><td>240</td><td>128</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>148</td><td>780</td><td>248</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>148</td><td>780</td><td>248</td><td>380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr></tbody></table>		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		118	380	216	190	Extension for reply within second month		117	870	217	435	Extension for reply within third month		118	1,380	218	680	Extension for reply within fourth month		128	1,850	228	925	Extension for reply within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	280	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		128	240	128	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		148	780	248	380	Filing a submission after final rejection (37 CFR 1.129(a))		148	780	248	380	For each additional invention to be examined (37 CFR 1.129(b))	
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid																																																																																																																																																																
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																															
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																															
139	130	139	130	Non-English specification																																																																																																																																																															
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																															
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																															
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																															
115	110	215	55	Extension for reply within first month																																																																																																																																																															
118	380	216	190	Extension for reply within second month																																																																																																																																																															
117	870	217	435	Extension for reply within third month																																																																																																																																																															
118	1,380	218	680	Extension for reply within fourth month																																																																																																																																																															
128	1,850	228	925	Extension for reply within fifth month																																																																																																																																																															
119	300	219	150	Notice of Appeal																																																																																																																																																															
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																															
121	280	221	130	Request for oral hearing																																																																																																																																																															
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																															
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																															
141	1,210	241	605	Petition to revive - unintentional																																																																																																																																																															
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																																															
143	430	243	215	Design issue fee																																																																																																																																																															
144	580	244	290	Plant issue fee																																																																																																																																																															
122	130	122	130	Petitions to the Commissioner																																																																																																																																																															
123	50	123	50	Petitions related to provisional applications																																																																																																																																																															
128	240	128	240	Submission of Information Disclosure Stmt																																																																																																																																																															
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																															
148	780	248	380	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																															
148	780	248	380	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																															
FEE CALCULATION																																																																																																																																																																			
1. BASIC FILING FEE																																																																																																																																																																			
<table><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>780</td><td>201</td><td>380</td><td>Utility filing fee</td><td></td></tr><tr><td>106</td><td>310</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>780</td><td>208</td><td>380</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr></tbody></table>		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	101	780	201	380	Utility filing fee		106	310	206	165	Design filing fee		107	480	207	240	Plant filing fee		108	780	208	380	Reissue filing fee		114	150	214	75	Provisional filing fee																																																																																																																																	
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid																																																																																																																																																																
101	780	201	380	Utility filing fee																																																																																																																																																															
106	310	206	165	Design filing fee																																																																																																																																																															
107	480	207	240	Plant filing fee																																																																																																																																																															
108	780	208	380	Reissue filing fee																																																																																																																																																															
114	150	214	75	Provisional filing fee																																																																																																																																																															
SUBTOTAL (1) (\$)																																																																																																																																																																			
2. EXTRA CLAIM FEES																																																																																																																																																																			
<table><thead><tr><th>Total Claims</th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Independent Claims</td><td>-20** =</td><td>X</td><td></td></tr><tr><td>Multiple Dependent</td><td>-3** =</td><td>X</td><td></td></tr></tbody></table>		Total Claims	Extra Claims	Fee from below	Fee Paid	Independent Claims	-20** =	X		Multiple Dependent	-3** =	X																																																																																																																																																							
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																
Independent Claims	-20** =	X																																																																																																																																																																	
Multiple Dependent	-3** =	X																																																																																																																																																																	
**or number previously paid, if greater; For Reissues, see below																																																																																																																																																																			
Large Entity Small Entity																																																																																																																																																																			
<table><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102</td><td>78</td><td>202</td><td>38</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104</td><td>280</td><td>204</td><td>130</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109</td><td>78</td><td>209</td><td>38</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr></tbody></table>		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	78	202	38	Independent claims in excess of 3		104	280	204	130	Multiple dependent claim, if not paid		109	78	209	38	** Reissue independent claims over original patent		110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																	
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid																																																																																																																																																																
103	18	203	9	Claims in excess of 20																																																																																																																																																															
102	78	202	38	Independent claims in excess of 3																																																																																																																																																															
104	280	204	130	Multiple dependent claim, if not paid																																																																																																																																																															
109	78	209	38	** Reissue independent claims over original patent																																																																																																																																																															
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																															
SUBTOTAL (2) (\$)																																																																																																																																																																			
		Other fee (specify) <u>Terminal Disclaimer</u> 110.00																																																																																																																																																																	
		Other fee (specify) _____																																																																																																																																																																	
		Reduced by Basic Filing Fee Paid																																																																																																																																																																	
SUBTOTAL (3) (\$)																																																																																																																																																																			

SUBMITTED BY

Typed or Printed Name FERNANDA M. FIORDALISI

Complete (if applicable)

Reg. Number 20,938

Signature F M Fiordalisi

Date 9/30/99

Deposit Account User ID *02-4560

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

* If additional fees are required, please charge our Deposit Account No. 02-4560.

GP 1751 ✓
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: HIROSHI HASEGAWA, ET AL
SERIAL NO.: 09/152,593 (CONTINUATION-IN-PART OF 08/184,539,001)
FILED: SEPTEMBER 14, 1998 (OCTOBER 4, 1995)
FOR: FLUID COMPOSITIONS CONTAINING REFRIGERATOR OILS
AND CHLORINE-FREE FLUOROCARBON REFRIGERANTS
CASE: BA-22624 (CONTINUATION-IN-PART OF BA-22356)
GROUP: 1751
EXAMINER: CHRISTINE SKANE

CERTIFICATE OF MAILING

Hon. Assistant Commissioner for Patents
Washington, D. C. 20231

Dear Sir:

I hereby certify that this _____

RESPONSE TO THE OFFICE ACTION DATED JULY 15, 1999 AND SUBMISSION

OF THE TERMINAL DISCLAIMER; CHECK IN THE AMOUNT OF \$110 FOR FILING

THE TERMINAL DISCLAIMER; COPY OF DOCUMENTS FILED WITH THE ASSIGNMENT
FEE TRANSMITTAL _____ BRANCH;
is/are being deposited with the United States Postal Service as
First Class Mail in an envelope addressed to Assistant Commissioner
for Patents, Washington, D. C. 20231 on

September 30, 1999 (date).

Respectfully submitted,

BUCKNAM AND ARCHER

By F. M. Fiord
Fernanda M. Fiordalisi

600 Old Country Road
Garden City, NY 11530
Tel. (516) 222-8885